



EXPLANATION

- Tva Undifferentiated Tertiary andesitic mudflows, volcanic breccias, pyroclastic deposits, lava flows, and sedimentary fluvial deposits composed almost entirely of andesitic material. These deposits are traditionally mapped as Mehrten Formation in Sierra Nevada foothill region.
- Mzg Mesozoic intrusive rock of the Sierra Nevada batholith and related plutons ranging in composition from diorite to granite.
- um Mesozoic and Paleozoic serpentinized ultramafic rock.
- Jv Volcanic rocks composed mainly of mafic to intermediate volcanic flows, flow breccias, tuff breccias, along with volcaniclastic and volcanic-derived sediments and small gabbroic intrusions. Includes rocks of the Smartville and Lake Combie volcanic complexes.
- Trcg Clipper Gap Formation: Highly disrupted assemblage of thin to massive beds of chert and argillite with small, isolated lenses of limestone (Trls). Locally tectonically intermixed within a slate matrix (sedimentary melange).

SYMBOLS

- Geologic Contact
- Fault
- 70 | Strike & Dip of Bed
- 70 ▲ Strike & Dip of Foliation

Scale 1:100,000



Figure 10-1

REGIONAL GEOLOGY
*DeWitt Government Center
 Facility Plan (2003 - 2010)*
 Placer County, California

Reference: Mineral Land Classification of Placer County; DMG Open File Report 95-10
 R. Loyd, 1995

